

Rehan Ahmad Khan Sherwani

Contact No: 092 334 4118684;

Primary Email: rehan.stat@pu.edu.pk

Secondary Email: stat4u@gmail.com



Vision and Mission:	I am looking myself to learn, propose and promote the research under the domain of applied statistics.
Academic Qualification:	I completed my doctorate degree in Statistics in 2013 under the supervision of <i>Prof. Dr. Shahid Kamal</i> , a renowned statistician in Pakistan. My research topic was " <i>Generalization of Multilevel Models and their Applications</i> " which primarily focused on generalizing the multilevel models for k levels and their applications on educational data.
Current Position:	Currently, I am serving as Professor at the College of Statistical and Actuarial Sciences University of the Punjab Lahore, Pakistan. The major responsibilities under this position include: <ul style="list-style-type: none">• Teaching: Undergraduate and Postgraduate Courses.• Curriculum Development: Undergraduate & Postgraduate Courses.• Research Supervision: Undergraduate and Postgraduate Scholars.• Administrative: <i>Coordinator & Controller of Examination</i>, undergraduate degree programs (Business Statistics, Biostatistics, Actuarial Science).• Member: Faculty Board of Science; College Admission Committee; College Sports Committee.
Community Services:	<p>Editor: Pakistan Journal of Statistics and Operations Research, Journal of Statistics.</p> <p>Reviewer: Journal of Applied Statistics, Journal of Mathematics, Kuwait Journal of Sciences, International Journal of Leadership and Behavior etc.</p> <p>Member / Focal Person / Chairman:</p> <ul style="list-style-type: none">• Member, Board of Studies for the subject of Statistics and Data Science at different universities in Pakistan.• Member, Punjab Technical Committee for Census 2017.• Member, Career Counseling and Placement, University of the Punjab Lahore, Pakistan (2021 -).• Focal Person, Quality Steering Committee, University of the Punjab (2018).• Chairman, College Purchase Committee, University of the Punjab (2018 -).• Member, Faculty of Science Purchase Committee, University of the Punjab (2015-2018).• Chairman, Associate Degree Program (Statistics), University of the Punjab Lahore, Pakistan.• Chairman, College Quality Assurance Committee.• Consultant, Survey Design and Data Analyst.
Areas of Interest / Research:	Multilevel Models, Meta-Analysis, Applied Statistics, Distribution Theory.

RESEARCH SUPERVISION

✿ Ph.D: ^{SEP}

Sr.	Scholar Name	Session	Thesis Title	Status
1.	Ms. Sehar Saleem	2013-20	Optimal Score Functions for Robust Estimation of Multilevel Models in the Presence of Outliers	Completed
2.	Ms. Faiza Dawood	2016-21	Combined Shewhart- homogenously weighted moving average control charts	Under Process
3.	Ms. Rubina Butt	2018-23	Multivariate Statistical Methods under Indeterminacy	Under Process
4.	Mr. Fakhar Mustafa	2018-23	Robust Control Charts for Count Data	Under Process
5.	Mr. Ijaz Ahmad	2018-23	Diagnostic Measures under Indeterminacy	Under Process

✿✿✿✿✿ M.Phil (Completed):

Sr.	Scholar Name	Session	Thesis Title
1	Rabiya Fatima	2018-20	A new Double Exponentially Weighted Moving Average Control Chart using Multiple Dependent State Repetitive Sampling.
2	Rafia Butt	2018-20	Fixed Effect Meta-Analysis of Characteristics Associated with Respiratory CoronaVirus-2
3	Hira Naeem Khan	2018-20	Double Progressive Mean Control Chart Under Multiple Dependent State Repetitive Sampling
4	Muhammad Ilyas	2018-20	Variable Control Charts utilizing Ranked-Multiple Dependent State Repetitive Sampling Scheme
5	Aqsa Abbas	2017-19	Moderating Variable Effects in Multilevel Models: A Simulation Based Study.
6	Jaweria Shahid	2017-19	A Systematic Review and Meta-Analysis of Genotypes of Hepatitis B Virus (HBV) in Pakistan.
7	Munawar Iqbal	2017-19	Modeling Non-linear Behavior of Independent Variables.
8	Sidra Zain	2017-19	Generalized Linear Mixed Models: An Application on Limited Overs International Cricket Data.
9	Saba Younus	2017-19	Multilevel Growth Curve Models for Longitudinal Data: An Application on Human Development Index Data.
10	Humera Qasim	2016-18	Performance Evaluation of DEWMA3 in Phase-II for Capturing Changes in Simple Linear Profiles based on Run Rule Mechanism.
11	Maira Nawazish	2016-18	Multiple Imputation of Missing Data in Multilevel Models and its Comparison with other Techniques: A Simulation based Analysis.
12	Muhammad Waqas	2016-18	Transmuted Inverted Kumaraswamy Distribution: Properties and Applications.
13	Anira Khalil	2016-18	Air Pollutants and Risk of Cardiovascular, Lung Cancer and Respiratory Mortality in Asian Countries: A Systematic Review and Meta-Analysis.
14	Ayesha Dawood	2016-18	Survival Analysis and Multilevel Survival Analysis of Breast Cancer Survivors in Punjab, Pakistan.

15	Kanwal Saleem	2015-17	Meta-Analysis of Factors Associated with Diabetes in Pakistan and Across the Globe: Random Effect Model Approach.
16	Maham Faheem	2015-17	Meta-Analysis of Factors Associated with Disease Burden Estimation of Influenza: Random Effect Model Approach.
17	Amna Aslam	2015-17	Transmuted Exponentiated Dagum Distribution with Applications.
18	Sidran Altaf	2015-17	Power of Non-parametric Tests for Survival Analysis under different Sample Sizes and Censored Rates.
19	Abdullah Bilal	2014-16	Multilevel Growth Models for GDP Influencing Factors.
20	Gofran	2014-16	Associated Factors of Age at First Birth in Punjab, Pakistan: A Discrete Time Event History Analysis
21	Hafiz Nawaz	2014-16	Government Debt and Budget Deficit Nexus in G8 and SAARC Countries: Evidence from Panel Data Analysis.
22	Muhammad Arfan	2013-15	Ordinal Logit and Multilevel Ordinal Logit Models: An Application on Wealth Index MICS-Survey Data
23	Fatima Arshad	2013-15	Two Sample Mean Testing in High dimensional Data.
24	Fiaz Ahmad	2012-14	Power Comparison of Several Univariate Normality Tests.

FUNDED RESEARCH PROJECTS

S.#	Year	Title	Donor Agency	Amount (million Rs)	Role	Status
1.	2022	Estimation of Financial, Social and Psychological Burden on Caregivers of COVID-19 Patients in Punjab-Pakistan	Higher Education Commission, Pakistan	2.5	Principal Investigator	In-Progress
2.	2022	Fixed and Random Effect Meta-Analysis of Patient Preferences for Laboratory Results Notification	University of the Punjab, Pakistan	0.250	Principal Investigator	In-Progress
3.	2022	Effect of Dr Allen's Device for Prostate Treatment on Erectile Dysfunction in Men with Chronic Prostate Diseases: BPH and CP/CPSS	Director of Fine Treatment, Oxford, United Kingdom	1.8	Co-PI/Consultant (Statistician)	Approved
4.	2022	Estimation of Economic Burden of Cardiovascular Diseases in the Capital City of Punjab-Pakistan	National Institute of Health	2.0	Principal Investigator	In-Progress
5.	2022	Estimation of Burden of Cardiovascular Diseases in the Capital City of Punjab-Pakistan	National Institute of Health	2.0	Principal Investigator	In-Progress
6.	2021	Ensuring quality fortification within food distribution networks for vulnerable populations during/post-Covid in Pakistan	Global Alliance for Improved Nutrition (GAIN)	24.6678	Co-PI/Consultant (Statistician)	Completed
7.	2021	Thermobalancing therapy and Dr. Allen's device for kidney stone disease	Director of Fine Treatment, Oxford, United Kingdom	1.8	Co-PI/Consultant (Statistician)	Completed
8.	2021	Thermobalancing therapy and Dr. Allen's device for low back pain.	Director of Fine Treatment, Oxford, United Kingdom	1.5	Co-PI/Consultant (Statistician)	Completed
9.	2020	Molecular genetic investigation of isolated ventricular septal defects (VSDS) in Pakistani children and designing a prenatal screening and awareness strategy	Higher Education Commission, Pakistan	1.6	Statistical Analyst	Under Review

10.	2019	Meta-Analysis of genotypes of hepatitis C virus (HCV) in Pakistan	University of the Punjab, Pakistan	0.150	Principal Investigator	Completed
11.	2017	CPEC and its impact on political, social & economic development in Pakistan: prospects from youth in higher education institutions in Punjab, Pakistan	Punjab Higher Education Commission (PHEC)	2.991	Principal Investigator	Under Review
12.	2016	Awareness about the importance & scope of statistics education among secondary standard school children	Higher Education Commission & University of the Punjab, Pakistan	0.990	Principal Investigator	Completed
13.	2015	Risk management in Islamic financial institutions	University of the Punjab, Pakistan	0.150	Principal Investigator	Completed
14.	2013	Contextual determinants of job satisfaction of Punjab University faculty members	University of the Punjab, Pakistan	0.125	Principal Investigator	Completed
15.	2010	Quality of life of breast cancer survivors in Punjab, Pakistan	Higher Education Commission, Pakistan	4.50	Report Writing	Completed

RESEARCH PUBLICATIONS:

1. Journal Articles:

S.#	Year	Title of Paper	Name of the Journal	IF/ HEC Cat.	Status
1.	2022	Product Acceptance Determination Based on EWMA Yield Index Using Repetitive and MDS Sampling Schemes	Scientia Iranica	1.435	Accepted
2.	2022	A New Nonparametric Composite Exponentially Weighted Moving Average Sign Control Chart	Scientia Iranica	1.435	Published
3.	2021	Neutrosophic entropy measures for the Weibull distribution: theory and applications	Complex & Intelligent Systems	4.927	Published
4.	2021	Analysis of COVID-19 Data using Neutrosophic Kruskal Wallis H Test	BMC Medical Research Methodology	4.615	Published
5.	2021	A study on various pollutants in water and their effect on blood of the consumers.	Applied Water Science	3.874	Published
6.	2021	A new neutrosophic sign test: An application to COVID-19 data	Plos One	3.420	Published
7.	2021	Development of New Robust Optimal Score Function for the Weibull Distributed Error Term in Multilevel Models	Mathematical Problems in Engineering	1.305	Published
8.	2021	Computing Expectiles using k-Nearest Neighbours Approach	Symmetry	2.713	Published
9.	2021	Monitoring Mortality Caused by Covid-19 using Gamma Distributed Variables Based on Generalized Multiple Dependent State Sampling	Computational and Mathematical Methods in Medicine	2.238	Published
10.	2021	A New Neutrosophic Negative Binomial Distribution: Properties and Applications	Journal of Mathematics	0.971	Published
11.	2021	Development of a new modified hogg type adaptive scheme for multilevel models with diverse error distributions.	Communication in Statistics- Theory and Methods	0.893	Published
12.	2021	On the Discrete Weibull Marshall–Olkin Family of Distributions: Properties, Characterizations, and Applications.	axioms	2.6	Published

13.	2021	Moving Average EWMA Chart for the Weibull Distribution	Communication in Statistics- Simulation and Computation	0.651	Published Online
14.	2021	Transmuted Inverted Kumaraswamy Distribution: Theory and Applications	Punjab University Journal of Mathematics	Y	Published
15.	2021	The Classification of Medicinal Plant Leaves Based on Multispectral and Texture Feature Using Machine Learning Approach	Agronomy	2.603	Published
16.	2021	Monitoring circuit boards products in the presence of indeterminacy	Measurement	3.364	Published
17.	2021	Generalized Multiple Dependent State Sampling Plans for Coefficient of Variation	Communication in Statistics- Theory and Methods	0.612	Published
18.	2021	Efficient Rank Based Analysis of Multilevel Models for the Family of Skew t-distribution	Pakistan Journal of Statistics and Operations Research	Y	Published
19.	2021	The Extended Burr-R Class: Properties, Applications and Modified Test for Censored Data	AIMS Mathematics	0.882	Published
20.	2021	A mixed control chart for monitoring failure times under accelerated hybrid censoring.	Journal of Applied Statistics	0.767	Published
21.	2021	Analysis of SNP rs1800796 Association with Risk of Rheumatoid Arthritis in Pakistani Population: A Case Control Study.	<i>Pakistan J. Zool</i>	0.790	Published
22.	2021	Relations for Moments of Generalized Order Statistics for Transmuted Exponential Distribution and Characterization	Pakistan Journal of Statistics and Operations Research	Y	Published
23.	2021	Neutrosophic Beta Distribution with Properties and Applications	Neutrosophic Sets and Systems	Y	Published
24.	2021	Prevalence of Obesity and Trends of Body Mass Index in Azad Jammu and Kashmir	Journal of Pharmaceutical Research International	Y	Published
25.	2020	A bottleneck degree-based migrating birds optimization algorithm for the PCB production scheduling	IEEE-Access	3.745	Published
26.	2020	Systematic surveillance and meta-analysis on the prevalence of metallo- β -lactamase producers among carbapenem resistant clinical isolates in Pakistan	Journal of Global Antimicrobial Resistance	2.706	Published
27.	2020	A Double Homogeneously Weighted Moving Average Control Chart for Monitoring of the Process Mean.	<i>Qual Reliab Engng Int</i>	1.718	Published
28.	2020	An Improved and Robust Class of Variance Estimator	Scientia Iranica	1.017	Published Online
29.	2020	A New Nonparametric Composite Exponentially Weighted Moving Average Sign Control Chart	Scientia Iranica	1.017	Published Online
30.	2020	A new nonparametric double exponentially weighted moving average control chart	<i>Qual Reliab Engng Int</i>	1.718	Published
31.	2020	New Diagnosis Tests under the Neutrosophic Statistics-An Application to Diabetic Patients	BioMed Research International	2.276	Published
32.	2020	COVID-19 in South Asia: Real-time Monitoring of Reproduction and Case Fatality Rate	General Medicine: Open Access	-	Published
33.	2019	The interrelationships of child under-nutrition, ecological and maternal factors: a case study of Pakistan by using composite index of anthropometric failure	Applied Ecology and Environmental Research	0.712	Published
34.	2019	Gender Disparities in Human Development Index and associated factors in Low, Medium, High and Very High Human Developed Countries	Pakistan Economic and Social Review	X	Published
35.	2018	Prevalence of extended-spectrum- β -lactamase – producing Enterobacteriaceae: first systematic meta-analysis report from Pakistan.	Antimicrobial Resistance & Infection Control	4.887	Published

2. Manuscripts under Review

S.#	Year	Title of Paper	Name of the Journal	IF/ HEC Cat.
1.	2022	Assessment of Environmental Efficiency and Convergence: A Case Study of Asia-Pacific Region	Energy	7.147
2.	2021	Probing the Accounts of the Reminiscence Bump through Multilevel Modelling	Memory & Cognition	2.502
3.	2021	Meta-analysis of Factors Associated with Disease Burden Estimation of Influenza: Random Effect Model Approach	Influenza and other Respiratory Viruses	2.954
4.	2021	Meta-analysis of Risk Factors Associated with Diabetes in Pakistan: Random Effect Model Approach.	Diabetes	7.273
5.	2021	Smoking and the Prevalence of Covid-19: A Systematic Review and Meta-analysis	Scientific Reports	3.998
6.	2021	Marshall Olkin Exponentiated Dagum Distribution: Properties and Applications	Journal of Statistics & Management Systems	Y
7.	2021	Machine Vision Approach for The Brain Tumor Classification Using Fused Features	Artificial Intelligence Review	5.942
8.	2021	A Machine Learning Approach for Classification of Liver Tumor Using Magnetic Resonance Images	Scientific Reports	3.998
9.	2021	Neutrosophic Geometric Distribution: Properties and Applications	Journal of Mathematics	0.712
10.	2021	Relative Risk and Odds Ratios under Uncertainty: Applications to Diabetes Data	European Journal of Clinical Investigation	3.086
11.	2021	Double Progressive Mean Control Chart Under Multiple Dependent State Repetitive Sampling Scheme Using Symmetric Values	Iranian Journal of Science and Technology, Transaction A, Science	0.875
12.	2021	Performance Evaluation of DEWMA3 in Phase-II for Capturing Changes in Simple Linear Profiles Based on Run Rule Mechanism	Quality Technology and Quantitative Management	3.42
13.	2021	Effect of Neutrosophy on Forecasting of Prostate Cancer using Trimmed Regression	Journal of Mathematics	0.712
14.	2021	Multilevel Rolling Horizon Planning and Scheduling Integrated with Material Constraints using Drum Buffer Rope Approach: A Heuristic for Smart Manufacturing	CIRP Journal of Manufacturing Science and Technology	2.991
15.	2021	A Co-Relational Study of Teachers' Conceptions of Assessment and Students' Academic Achievement	Journal of Educational Research	W
16.	2021	Performance of the New Modified Random Forest for the Classification of Binary Datasets with Multiple Kernel Learning	Pakistan Journal of Statistics and Operation Research	Y
17.	2021	A Group Chain Acceptance Sampling Plans for Lifetimes Following Beta Burr Type-X Distribution with Minimum Angle Approach	Industrial Engineering & Management Systems	Y
18.	2021	Transmuted Exponentiated Dagum Distribution: Properties and Applications	Boletín de la Sociedad Matemática Mexicana	-
19.	2021	Validity of Ricardian Equivalence Hypothesis: A Case Study based on the Cluster of Developed and Developing Countries	SAGE Open	0.715

20.	2021	Modified Double EWMA Chart Using Multiple Dependent State Repetitive Sampling	Heliyon	0.432
21.	2021	Comparison of score selection schemes for optimal rank-based score functions under multilevel models	Statistical Methods & Applications	0.614
22.	2021	Sampling Plan Based on the Coefficient of Variation for Resubmitted lots	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	0.921
23.	2021	Variables Control Chart Using Lifetime-Performance Index Under Weibull Distributions with Censoring	Scientia Iranica	1.017
24.	2021	Multiple Dependent Repetitive Group Sampling Plan using Marshall-Olkin Logistic-Exponential Distribution Affirming to Percentile Lifetime	Stat	0.766

3. Publications in Conference Proceedings

S.#	Year	Title	Name of Publisher & Address
1	2010	An Assessment of Quality of Life Among Breast Cancer Survivors in Punjab Using Ordinal Regression	Proceedings of Journal of American Statistical Association (JASA), USA
2	2009	Leadership Behavior: A Comparative Study of Multiple Regression and the Multilevel Regression	Proceedings of Journal of American Statistical Association (JASA), USA
3	2008	Risk Factors Associated with injection initiation among drug users: Comparing Hierarchical Modeling with Traditional logistic Regression	Proceedings of Journal of American Statistical Association (JASA), USA
4	2006	Multivariate Statistical Analysis in Modeling the Job Satisfaction Data	College of Statistical and Actuarial Sciences University of the Punjab, Pakistan
5	2006	Transformation of Random Variables: A Comparison of Exterior Product Method with the usual Determinant Method for Computing Jacobian of Transformation	College of Statistical and Actuarial Sciences University of the Punjab, Pakistan.

4. Books and Chapters

S.#	Year	Title	Book/Chapter	Publisher	Status
1.	2021-22	Process Capability Indices under Advanced Sampling Plans	Book	Springer	Under Process
2.	2022	Neutrosophic Statistics and the Medical Data: A Systematic Review	Chapter	Springer	Under Process
3.	2021	Neutrosophic Normal Probability Distribution – A Spine of Parametric Neutrosophic Statistical Tests: Properties and Applications	Chapter	Springer	Published
4.	2021	Neutrosophic Statistics for Grouped Data: Theory and Applications	Chapter	Springer	Published
5.	2020	Product Acceptance Determination Using Similarity Measure Index under Neutrosophic Statistics	Chapter	NOVA	Published
6.	2020	“Neutrosophic Descriptive Statistics” for book “Quadruple Neutrosophic Theories and Applications”	Chapter	NOVA	Published
7.	2016	Practical Notebook Statistics (B.A & BSc-Part-II)	Practical Notebook	ILMI Kitab Khana, Pakistan	Under Review
8.	2016	Practical Notebook Statistics (B.A & BSc-Part-1)	Practical Notebook	ILMI Kitab Khana, Pakistan	Published
9.	2015	Practical Notebook Statistics (Class-11)	Practical Notebook	ILMI Kitab Khana, Pakistan	Published
10.	2015	Practical Notebook Statistics (Class-12)	Practical Notebook	ILMI Kitab Khana, Pakistan	Published

5. Participation in Conferences/Workshops

S.#	Year	Title	Place
1	2010	Statistical Sciences	Pakistan
2	2007	First National Conference on New Trends in Psychological Research	Pakistan
3	2007	International Conference on Statistical Data Produced and Application of Statistics	Pakistan
4	2007	12th Pakistan Psychological Association Conference	Pakistan
5	2006	First International Conference on Statistics & Operations Research	Pakistan
6	2006	Implementation of ICT-M for Productivity & Quality Improvement in SME Sector	Pakistan
7	2005	Eighth International Conference on Statistics by ISOSS	Pakistan

6. Member Conference Organizing Committee

S.#	Year	Title	Place
1	2010	Statistical Sciences	Pakistan
2	2007	First National Conference on New Trends in Psychological Research	Pakistan
3	2007	International Conference on Statistical Data Produced and Application of Statistics	Pakistan
4	2006	First International Conference on Statistics & Operations Research	Pakistan

7. Trainer/Workshops

S.#	Year	Role	Title
1	2010-date	Trainer	Data Analysis Skills (SPSS & STATA)

COMPUTER SKILLS

- ⊙ Trainer on workshops conducted on 'Data Analysis Skills (SPSS and STATA) for graduate and postgraduate level.
- ⊙ Proficient in Statistical Software (SPSS, AMOS, Smart PLS, LISREL, & MLwin).
- ⊙ Proficient in Microsoft Office (EXCEL, WORD & PowerPoint).

PROGRAMMING SKILLS

- ⊙ Strong programming skills on SPSS, FORTRAN, SAS & R-language
- ⊙ Hands-on practice on C Languages.

THESIS SUPERVISED AT UNDER-GRADUATE/GRADUATE LEVEL

Sr.	Author	Title	Session
1	Remsha Nadeem	A Comparative Study of Online and Traditional Mode of Teaching During the Pandemic of COVID-19: A Perception from Youth	2017-21
2	Hifza khan	Impact of COVID-19 on Public and Private Sector University Teachers during Lockdown	2019-21
3	Arooj Ashraf	Life After The Outbreak of Covid-19: A Perception from Youth	2017-21
4	Iram Rasheed	Awareness & Acceptance of COVID-19 Vaccine among Nurses of the Mayo Hospital Lahore	2019-21
5	Mahum Mubasher	Impact Of Online Shopping On Customer Satisfaction After The Outbreak Of Covid-19	2019-21
6	Zunaira Zulfiqar	Awareness & Acceptance of COVID-19 Vaccine: A Perception from the Students of Punjab University Lahore	2019-21
7	Tehseen Javid	A Statistical Study on Health Consciousness Among Youth After The Outbreak of Covid-19	2017-21
8	Neelam Ashraf	Meta-Analysis on Clinical and Laboratory Analysis on Hepatitis E in Pakistan.	2018-20
9	Maryam Raheem	A Statistical Study on Behavior of People During Anger.	2018-20
10	Sidra Aslam	A Statistical Analysis of Depression Related to Infertility Among Female Lahore.	2017-19
11	Amber Rafiq	A Survey on Perception of Youth Towards Increasing Rates of Divorce in Lahore.	2017-19
12	Saima Malik	A Statistical Analysis on Quality of Life of Patients Having Gallstones	2017-19
13	M. Waqar Bhatti	A Gender Survey of Student's Satisfaction with Punjab University Lahore.	2017-19
14	Naaima Aamir	Awareness About Telemedicine among the Doctors in Lahore.	2017-19
15	Muhammad Ashraf	Gender Differences about Library Services and Academic Performance in Punjab University Lahore.	2017-19
16	Sadia Rizwan	Meta-Analysis of Air Pollution and Sperm Quality.	2017-19
17	Nouzhat Yousuf	Usage of Cell Phone and IT's Impact on Student's Life	2016-18
18	Raza Arshad	An Assessment of Preferences Between Lollywood and Bollywood Among Youth of Punjab University.	2016-18
19	Iqra Ameen	Customer Satisfaction With Uber Services Among Punjab University Students.	2016-18
20	Nida Afzal	Meta-Analysis on Clinical and Laboratory Analysis on Dengue Fever in Pakistan.	2016-18
21	Mubara Khalid	A Statistical Analysis of Quality of Life of Punjab University Students.	2016-18
22	Iqra Mansoor	A Study on the Educated Mothers and Academic Achievements of Their Children.	2016-18
23	Rabia Batool	Difference Between Boys and Girls Educational Institutions on Various Aspects in Public Sector At Secondary Level.	2016-18
24	Muhammad Hammad Nasim	A Study on Impact of Petroleum Products on Environment: Perception Of Punjab University Students.	2016-18
25	Shujat Hussain	A Statistical Analysis of Customer Satisfaction With Coca Cola Among Punjab University Students.	2016-18
26	Rabia Ashraf	Job Satisfaction of Banking Employees of HBL and MCB	2016-18
27	Sana Khalid	Impact of Smoking on Health Related Quality of life Among Smokers in Lahore.	2016-18
28	Mehrunisa	Quality of Life Style Among Employees.	2016-18
29	Malik Muhammad Waqas	Impact of Online Advertisement on Consumer Decision	2016-18
30	Muhammad Subhan Afzal	The Effect of Corporate Social Responsibility on Brand Equity of Allied Bank LTD.	2016-18
31	Nadeem Mumtaz Malik	The Awareness Level about Route of Transmission of Hepatitis-c Among the students, University of the Punjab.	2016-18
32	Usama Moaz Goraya	The Awareness Level of Diabetes Mellitus Among the Students of University of the Punjab.	2016-18
33	Usama Moaz Goraya	The Awareness Level of Diabetes Mellitus Among the Students of University of the Punjab.	2016-18
34	Bushra Ilyas	A Statistical Study of Student's Satisfaction and Performance towards their Opted Field	2016-18
35	Syeda Sana	Ufone Strategies Use for Product Promotion	2016-18
36	Sabahat Anwer	A Statistical Study About Gender Differences in personality traits of Punjab University Students	2015-19
37	Anam Ameen	Student's problem towards transport system in Lahore	2015-19

38	Ruqia Saeed	A Statistical Study About Students Satisfaction From Punjab University	2015-19
39	Sudhir Ajmal	Perception about Punjab Police Among Youth: A case study of Punjab University Students	2015-19
40	Laiba Farrakh	Impact of Fashion on personality Development Among Youth	2015-19
41	Muhammad Kashif Saleem	Choice of Professions by the Students of University of the Punjab Lahore	2015-19
42	Kinza Saleem	A Statistical Study on Selfie Craze among Youth	2015-19
43	Salma Shafique	A Statistical Study of Awareness about Risk Factors of Heart Disease Among Punjab University Students	2015-19
44	Muhammad Sarwar	A Statistical Analysis of the Environmental and Medical Facilities Available in D.H.Q Hospital District Kasur	2015-17
45	Khalil Ahmed	A Statistical Study on Home Hostel Life (Case Study of University of the Punjab Students)	2015-17
46	Afzal Alam	Impact of Social Media On University Students Regarding Fashion A case Study of Punjab University Students	2015-17
47	Syeda Gulchehra	Influence of Parental Involvement of Educational Aspiration	2015-17
48	Masooma Jahangir	Personality and Individual Differences An Association Among Happiness Generalized Self-Efficacy Religiosity and Mental Health	2015-17
49	Ghanwa Bilal	Meta-Analysis of Risk Factors of Breast Cancer in Pakistan	2015-17
50	Noor-Us-Sabah	Knowledge and attitude and Practices of Self-Medication Among Youth: A Case Study of Punjab University Students	2015-17
51	Maria Sharif	Prevalence of Hepatitis B and C and Their Associated Risk Factors: A Meta-Analysis Approach	2015-17
52	Ayesha Naz	A Meta-Analysis of Risk Factors of Stroke by Province In Pakistan: Random-Effect Model)	2015-17
53	Arfa Abid	Statistical Study of Customer Satisfaction Towards Uber and Careem .	2015-17
54	Hafiza Rabia Ashraf	A Statistical Analysis of customer Satisfaction of Banks in Pakistan A Meta-Analysis Approach	2015-17
55	Smahar Akbar Ali	A Statistical Analysis of Job Satisfaction of Teachers in Pakistan: A Meta-Analysis Approach	2015-17
56	Maqsood Ali	A Statistical Study of Academic Leadership in Higher Education Institutions in Lahore.	2015-17
57	Sana Ghafoor	Impact of Corporate Social Responsibility on the Financial Performance of PTCL	2015-17
58	Wajeeha wajid	Internet Addiction among youth University of the Punjab, Lahore	2015-17
59	Sana Kanwal	Impact of Long Working Hours on the Health and Living Standard of Employees in Commercial Banks of Lahore	2015-17
60	Abeeha Fazal	A Statistical Analysis of Employee Job Satisfaction In Banking Sector in Pakistan	2015-17
61	Rabiya Fatima	Career Selection by Students and Desires of Their Parents	2014-18
62	Sidra Amjad	Students Satisfaction With A Quality of Education In Punjab University	2014-18
63	Ayesha Mahboob	A Statistical Study on Women Harassment at University of the Punjab.	2014-18
64	Madiha Habib	A Statistical study about environmental concerns among youth in Punjab University	2014-16
65	Amara Shafique	A Study of academic achievement of children of working and Non-Working Mother	2014-16
66	Sundus Iftikhar	Statistical analysis about self-esteem among students of Punjab University	2014-16
67	Alishba Usman	Impact of social media fashion on Youth	2014-16
68	Muhammad Rizwan	Role of life style and dietary Habits in the risk of kidney disease	2014-16
69	Mariyam Batool	A Statistical study on human development index and its components for low developed to highly developed Countries	2014-16
70	Muhammad Sohaib	Relationship between Organizational environment and job satisfaction	2014-16
71	Musawwer Amin	Factors affecting implementation of total quality management in textile companies in Pakistan: A case of master textile Mills Limited	2014-16
72	Amina Ramzan	Teaching competencies in University Environment	2014-16
73	Farhan Asghar	Impact of Component-Based Software engineering on quality of software	2014-16
74	Abdul Basit Khan	Internal Corporate social responsibility & Employee`s attitudes	2014-16
75	Aamash Latif	Impact of training and development on employees and organization performance	2014-16
76	Sanam Sakhawat	A Statistical Study About Awareness of Dengue Fever Among Youth in University of the Punjab	2014-16
77	Ayesha Hanif	Students Satisfaction with Reference to Punjab University Why we need Students Satisfaction in	2014-16

		Punjab University.	
78	Saddam Hussain	Human Resource Management Practices on Haleeb Food Pvt. Ltd.	2014-16
79	Muhammad Rehan Afzal	Level of Job Satisfaction of School Teacher in Private Sector of Lahore	2014-16
80	Saqlain Raza Saidhi	Impact of Ethical Leadership on Employee Job Performance	2014-16
81	Javeria Akbar	A Statistical analysis of Self-Medication inn Pakistan: A Meta-analysis approach	2013-17
82	Aqsa Abbas	A Statistical analysis of quality of life of diabetic patients in Pakistan: A Meta-Analysis approach	2013-17
83	Sabiha Ghafoor	A Statistical analysis of anxiety and depression in Pakistan: A Meta-Analysis approach	2013-17
84	Saba younas	A Statistical study on risk factors of Lung Cancer	2013-15
85	Habib Ahmad	Occupational aspiration of future career among students	2013-15
86	Azhar Pervaiz	A Statistical analysis on headache among students	2013-15
87	Sumbal Siddiqui	A Statistical analysis on the problems of agriculture in Barki village	2013-15
88	Asim Iqbal	Reasons of Overtime work and its impact over employee`s performance and health engaged in public sector	2013-15
89	Rida Fatima	Customer satisfaction on branded shoes	2013-15
90	Ahsan Nazir	Strategic and Financial Analysis of Nimir industrial Chemicals Limited	2013-15
91	Arslan Yousaf	Job Satisfaction among the employees of national Bank and Habib Bank LTD	2013-15
92	Muzamal Hameed	A Statistical study on the attitude of "The students towards presentations in University of The Punjab	2013-15
93	Nazia Parveen	A Statistical study on the quality of life diabetic patients	2013-15
94	Dr. Rameeza Kaleem	Maternal Knowledge & practices regarding optimal child feeding	2013-15
95	Hafiz Jameel Ahmad	A Comparative study of customer satisfaction about gourmet & Doce	2013-15
96	Madiha Liaqat	Statistical Study Quality of Life of Ischemic heart Disease Patients of Leading Hospital Lahore	2013-15
97	Kashaf Mansoor	Tread of Online Shopping	2013-15
98	Ashan Nazir	Strategic and Financial Analysis of Nimir Industrial Chemicals Limited	2013-15
99	Jaweria Razzaq	A Statistical study on functional limitations of Spinal cord Injury patients	2012-16
100	Anna Younas	An Assessment of knowledge, attitude & practices in public health programs by the pharmacist in Lahore	2012-16
101	Jawaria Suleman	A Statistical study on human development index and its components for low developed to highly developed nations	2012-16
102	Arslan Javed	Time series model building and forecasting of Mango Yield in Pakistan using ARIMA model	2012-14
103	Naila Imtiaz	Measure of aggression among University students, and its impact on their performance	2012-14
104	Nida Hanif	A Survey on Cricket	2012-14
105	Sadia Iqbal	A statistical study of compatibility among couples in urban % rural areas	2012-14
106	Hafiza Saba Rasheed	A statistical Study of Customer Satisfaction of Banks of Lahore	2012-14
107	Iram Khalid	A Statistical study of human capital and organizational performance	2012-14
108	Hafiz Abdul Majeed	Impact of usage internet and mobile phone on the student`s performance of University of the Punjab	2012-14
109	Wasim Javaid	Attitude of Students Towards Education	2012-14
110	Hussain Saeed	The Impact of advertising and pricing on the sale of fast food Industry	2012-14
111	Muhammad Ajmal	Passenger`s satisfaction level from Metro bus services	2012-14
112	Ayema Shabbir	A Statistical study of Gender Discrimination in job opportunities	2012-14
113	Bisma Shabbir	A Statistical study on the comparison of Islamic and conventional Banks about customer satisfaction	2012-14
114	Arshia Akhtar	Effect of online social networking on students academic performance	2012-14
115	Anum Talib	Marketing strategies and customer satisfaction towards Pizza Hut and domino`s	2012-14
116	Hafiza Sabrina Shaheen	A Study of employee Commitment under employee Stress. Job performance ad work environment	2012-14

117	Amna Waheed	Team Building Skills	2012-14
118	Shan-e-Zahra	Impact of Human Resource Management practices on employee`s performance in Banking sector	2012-14
119	Rabia Hassan	A Statistical analysis on Students perception about Islamic banking	2012-14
120	Hafiz Jameel Ahmad Niazi	A Comparative Study of Customer Satisfaction about Gourmet & Doce Bakery	2012-14
121	Ayesha Habib	A Statistical study conducting in INMOL Hospital (LHR) to examine the Thyroid patients	2011-15
122	Muhammad Sohail Iqbal	A Statistical study on student satisfaction with the Universities: A case Punjab University Lahore	2011-15
123	Hafiza Humaira Younas	Relationship between religiousness and interpersonal generosity	2011-15
124	Hafiza Sadia Batool	A statistical study on job satisfaction of Wapda employees on Jhang	2011-13
125	Muhammad Ibrahim	Time series modeling and forecasting of production of rice in Punjab (Pakistan)	2011-13
126	Aiman Jamil Mughal	A statistical study of comparison between T20 (T-Twenty) and ODI (one-day international) cricket matches	2011-13
127	Iqra Tariq	A statistical study on sleeping disorder, depression, anxiety and stress among police officers	2011-13
128	Ayesha Saleem	A study of food waste inclination in household in the area of canal bank scheme	2011-13
129	Afzal Malik	Views of Punjab University students about use of dairy products	2011-13
130	Hafiza Komal	A study is conducted on mother's education and behavior impact on their child academic performance	2011-13
131	Rimsha Hanif	A statistical study on the quality of work life of employees of Punjab University	2011-13
132	Sana Kaleem	A statistical study on level of health consciousness among the people of Samanabad	2011-13
133	Tahseen Javed	Study on health and safety culture in public and private sector pharmaceutical companies in Lahore	2011-13
134	Humaira Manzoor	Selection factors of the acceptance of Ijarah (Islamic concept of leasing)	2011-13
135	Sumaira Ashraf	Statistical study on passengers perception about travelling in PIA	2011-13
136	Muhammad Bilal	A Statistical study on the various factors that effects agricultural production in tehsil Muridkey	2011-13
137	Adeel Zafar	A statistical study of quality services provided by Pakistan Railway	2011-13
138	Ifra Pervaiz	A statistical study on comparison between multination cosmetics products and local cosmetics products	2011-13
139	Momna Jalal	A study about weight consciousness among girls in Punjab University	2010-14
140	Aleema Khan	Impact of personality traits, self-esteem and parenting styles on peer pressure in adolescents	2010-14
141	Aqsa Khalid	Factors that are responsible for effecting academic performance of university students	2010-14
142	Sidra Mujahid	A Statistical Analysis on Customer Satisfaction of Buffet Places.	2010-12
143	Sadia Ikram	A Statistical Study on Knowledge Attitude and Practice about Dengue Fever Among People.	2010-12
144	Mushaffa Zafar	Belief of Youth on Horoscope and Superstitions in 21st Century.	2010-12
145	Zeenat Sharif	A Statistical Study on Comparison of Boys and Girls Thinking About Dowry.	2010-12
146	Anam Riaz	A Statistical Study on the Impact of Bollywood Movies on Youth.	2010-12
147	Mehnaz Fatima	A Statistical Study on Classroom Environment and Class Size.	2010-12
148	Zaman Suleman	A Statistical Analysis of Drop out Ratio of Bs Program in Punjab university.	2010-12
149	M. Qasim Khalil	A Statistical Study about Teachers and Students Interaction.	2010-12
150	Furqan Sardar	Brand Loyalty of Toyota and Honda	2010-12
151	Qamar UN Nisa	A Statistical Study of Energy Crises & its Impact on Youth	2010-12
152	Muhammad Hamid Razi	A statistical study about job satisfaction of teaching faculty in Punjab University	2010-12